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Section 1							
	(1)	1	10	20	30	40	51
SEQ ID NO:7	(1)	-----	-----	-----	-----	-----	-----
SEQ ID NO:21	(1)	MEQKLISEEDLN	MEQKLISEEDLN	MEQKLISEEDLN	MEQKLISEEDLN	MEQKLISEEDLN	MEQKLISEEDLN
SEQ ID NO:25	(4)	---MCVPRSG	LIILSCICLY	CGVLLPVLL	PNLPFLTCL	SMSTLESV	TYLPEK
SEQ ID NO:27	(1)	---MCVPRSG	LIILSCICLY	CGVLLPVLL	PNLPFLTCL	SMSTLESV	TYLPEK
Consensus	(1)	MCVPRSG	LIILSCICLY	CGVLLPVLL	PNLPFLTCL	SMSTLESV	TYLPEK
Section 2							
	(52)	52	60	70	80	90	102
SEQ ID NO:7	(1)	-----	-----	-----	-----	-----	-----
SEQ ID NO:21	(52)	-EMEQLISEEDLN	EMESLGDLT	MEQKLIS---	EEDLNSM	MKRKLDHG	SEVR
SEQ ID NO:25	(48)	GLYCQRLP	SSRTHGGT	ESLKGKNT	ENMGFYGT	LKMI FYK	MKRKLDHGSEVR
SEQ ID NO:27	(48)	GLYCQRLP	SSRTHGGT	ESLKGKNT	ENMGFYGT	LKMI FYK	MKRKLDHGSEVR
Consensus	(52)	GLYCQRLP	SSRTHGGT	ESLKGKNT	ENMGFYGT	LKMI FYK	MKRKLDHGSEVR
Section 3							
	(103)	103	110	120	130	140	153
SEQ ID NO:7	(13)	SFSLGKKP	CKVSEYT	STTGLV	PCSATPT	TTFGDL	RAANGQGQ
SEQ ID NO:21	(98)	SFSLGKKP	CKVSEYT	STTGLV	PCSATPT	TTFGDL	RAANGQGQ
SEQ ID NO:25	(100)	SFSLGKKP	CKVSEYT	STTGLV	PCSATPT	TTFGDL	RAANGQGQ
SEQ ID NO:27	(100)	SFSLGKKP	CKVSEYT	STTGLV	PCSATPT	TTFGDL	RAANGQGQ
Consensus	(103)	SFSLGKKP	CKVSEYT	STTGLV	PCSATPT	TTFGDL	RAANGQGQ
Section 4							
	(154)	154	160	170	180	190	204
SEQ ID NO:7	(64)	PTGLQEWL	KMFQSW	SGPEKLL	ALDELID	SCEPT	QVKHMMQ
SEQ ID NO:21	(150)	PTGLQEWL	KMFQSW	SGPEKLL	ALDELID	SCEPT	QVKHMMQ
SEQ ID NO:25	(151)	PTGLQEWL	KMFQSW	SGPEKLL	ALDELID	SCEPT	QVKHMMQ
SEQ ID NO:27	(151)	PTGLQEWL	KMFQSW	SGPEKLL	ALDELID	SCEPT	QVKHMMQ
Consensus	(154)	PTGLQEWL	KMFQSW	SGPEKLL	ALDELID	SCEPT	QVKHMMQ
Section 5							
	(205)	205	210	220	230	240	255
SEQ ID NO:7	(115)	SLLPKEL	ALYVLS	FLPEKDL	LQAAQT	CRYWRIL	AEDNLLW
SEQ ID NO:21	(201)	SLLPKEL	ALYVLS	FLPEKDL	LQAAQT	CRYWRIL	AEDNLLW
SEQ ID NO:25	(202)	SLLPKEL	ALYVLS	FLPEKDL	LQAAQT	CRYWRIL	AEDNLLW
SEQ ID NO:27	(202)	SLLPKEL	ALYVLS	FLPEKDL	LQAAQT	CRYWRIL	AEDNLLW
Consensus	(205)	SLLPKEL	ALYVLS	FLPEKDL	LQAAQT	CRYWRIL	AEDNLLW
Section 6							
	(255)	255	270	280	290	300	306
SEQ ID NO:7	(166)	PLHIKRRE	KVIKPG	FIHSPW	KSAYIR	QHRI	DTNWR
SEQ ID NO:21	(252)	PLHIKRRE	KVIKPG	FIHSPW	KSAYIR	QHRI	DTNWR
SEQ ID NO:25	(253)	PLHIKRRE	KVIKPG	FIHSPW	KSAYIR	QHRI	DTNWR
SEQ ID NO:27	(253)	PLHIKRRE	KVIKPG	FIHSPW	KSAYIR	QHRI	DTNWR
Consensus	(255)	PLHIKRRE	KVIKPG	FIHSPW	KSAYIR	QHRI	DTNWR

						Section 7
(307)	307	320	330	340	357	
SEQ ID NO:7 (217)	ITCLQFCGNRIVSGSDDNTLKVWSAVTGKCLRTL	LVGHTGGVWSSQMRDNI	I			
SEQ ID NO:21 (303)	ITCLQFCGNRIVSGSDDNTLKVWSAVTGKCLRTL	LVGHTGGVWSSQMRDNI	I			
SEQ ID NO:25 (304)	ITCLQFCGNRIVSGSDDNTLKVWSAVTGKCLRTL	LVGHTGGVWSSQMRDNI	I			
SEQ ID NO:27 (304)	ITCLQFCGNRIVSGSDDNTLKVWSAVTGKCLRTL	LVGHTGGVWSSQMRDNI	I			
Consensus (307)	ITCLQFCGNRIVSGSDDNTLKVWSAVTGKCLRTL	LVGHTGGVWSSQMRDNI	I			
						Section 8
(358)	358	370	380	390	408	
SEQ ID NO:7 (268)	ISGSTDRTLKVWNAETGECIHTLYGHTSTVRCMHLHEKRVVSGSRDATLRV					
SEQ ID NO:21 (354)	ISGSTDRTLKVWNAETGECIHTLYGHTSTVRCMHLHEKRVVSGSRDATLRV					
SEQ ID NO:25 (355)	ISGSTDRTLKVWNAETGECIHTLYGHTSTVRCMHLHEKRVVSGSRDATLRV					
SEQ ID NO:27 (355)	ISGSTDRTLKVWNAETGECIHTLYGHTSTVRCMHLHEKRVVSGSRDATLRV					
Consensus (358)	ISGSTDRTLKVWNAETGECIHTLYGHTSTVRCMHLHEKRVVSGSRDATLRV					
						Section 9
(409)	409	420	430	440	459	
SEQ ID NO:7 (319)	WDIETGQCLHVLMGHVAAVRCVQYDGRRVVSGAYDFMVKVWDPETETCLHT					
SEQ ID NO:21 (405)	WDIETGQCLHVLMGHVAAVRCVQYDGRRVVSGAYDFMVKVWDPETETCLHT					
SEQ ID NO:25 (406)	WDIETGQCLHVLMGHVAAVRCVQYDGRRVVSGAYDFMVKVWDPETETCLHT					
SEQ ID NO:27 (406)	WDIETGQCLHVLMGHVAAVRCVQYDGRRVVSGAYDFMVKVWDPETETCLHT					
Consensus (409)	WDIETGQCLHVLMGHVAAVRCVQYDGRRVVSGAYDFMVKVWDPETETCLHT					
						Section 10
(460)	460	470	480	490	500	510
SEQ ID NO:7 (370)	LQGHTNRVYSLQFDGIHVVSGLDTSIRVWVDVETGNCIHTLTGHQSLTSGM					
SEQ ID NO:21 (456)	LQGHTNRVYSLQFDGIHVVSGLDTSIRVWVDVETGNCIHTLTGHQSLTSGM					
SEQ ID NO:25 (457)	LQGHTNRVYSLQFDGIHVVSGLDTSIRVWVDVETGNCIHTLTGHQSLTSGM					
SEQ ID NO:27 (457)	LQGHTNRVYSLQFDGIHVVSGLDTSIRVWVDVETGNCIHTLTGHQSLTSGM					
Consensus (460)	LQGHTNRVYSLQFDGIHVVSGLDTSIRVWVDVETGNCIHTLTGHQSLTSGM					
						Section 11
(511)	511	520	530	540	550	561
SEQ ID NO:7 (421)	ELKDNILVSGNADSTVKIWDIKTGQCLOTLQGPKNKHQSAVTCLOFNKNFVI					
SEQ ID NO:21 (507)	ELKDNILVSGNADSTVKIWDIKTGQCLOTLQGPKNKHQSAVTCLOFNKNFVI					
SEQ ID NO:25 (508)	ELKDNILVSGNADSTVKIWDIKTGQCLOTLQGPKNKHQSAVTCLOFNKNFVI					
SEQ ID NO:27 (508)	ELKDNILVSGNADSTVKIWDIKTGQCLOTLQGPKNKHQSAVTCLOFNKNFVI					
Consensus (511)	ELKDNILVSGNADSTVKIWDIKTGQCLOTLQGPKNKHQSAVTCLOFNKNFVI					
						Section 12
(562)	562	570	580	590	600	612
SEQ ID NO:7 (472)	TSSDDGTVKLWDLKTGEFIRNLVTLES GSGGVVWRIRASNTKLVCVGSR					
SEQ ID NO:21 (558)	TSSDDGTVKLWDLKTGEFIRNLVTLES GSGGVVWRIRASNTKLVCVGSR					
SEQ ID NO:25 (559)	TSSDDGTVKLWDLKTGEFIRNLVTLES GSGGVVWRIRASNTKLVCVGSR					
SEQ ID NO:27 (559)	TSSDDGTVKLWDLKTGEFIRNLVTLES GSGGVVWRIRASNTKLVCVGSR					
Consensus (562)	TSSDDGTVKLWDLKTGEFIRNLVTLES GSGGVVWRIRASNTKLVCVGSR					

Untitled

Section 13

	(613) 613	620	630	640	650	663
SEQ ID NO:7 (523)	NGTEETKLLVLD	FDVDMK	-----			
SEQ ID NO:21 (609)	NGTEETKLLVLD	FDVDMK	-----			
SEQ ID NO:25 (610)	NGTEETKLLVLD	FDVDMKEFCRYPAQWRPLESRGPFEGKPIPNPLLGLDST				
SEQ ID NO:27 (610)	NGTEETKLLVLD	FDVDMKEFCRYPAQWRPLESRGPFEGKLISEEDLNMH--				
Consensus (613)	NGTEETKLLVLD	FDVDMKEFCRYPAQWRPLESRGPF	K	I	L	L

Section 14

	(664) 664	672
SEQ ID NO:7 (541)	-----	
SEQ ID NO:21 (627)	-----	
SEQ ID NO:25 (661)	RTGHHHHHH	
SEQ ID NO:27 (659)	-TGHHHHHH	
Consensus (664)	TGHHHHHH	